

Claims 25, 26, 28, 31-33, 47-52, 54, and 75 remain in the application. The Office indicated that Claims 26, 28, and 31-33 would be allowed if rewritten so the claims did not depend from a rejected claim. Claims 27, 29, 30, and 53 have been canceled. Claims 25, 47-52, and 54 have been amended. Claims 76-81 have been added. The following remarks are offered in support of allowance of Claims 25, 26, 28, 31-33, 47-52, and 75-81. Reexamination and reconsideration of the application in light the above amendments and following remarks are respectfully requested.

Claim 25 has been amended by deleting the reference to nootkatone and  $\alpha$ -cedrene, deleting the reference to killing ticks, and adding language "or cockroaches" as suggested by the Office. Support for this amendment is found, for example, in Claims 25, 26, and 55-61 as originally filed.

Claims 47-52, and 54 have been amended to be method claims. Support for these amendments is found, for example, in Claims 47-54 as originally filed.

Claims 76-78 have been added to include use of nootkatone for protecting a material from tick infestation. Support for these new claims is found, for example, in Claims 25, 26, 28, 29, and 33 as originally filed.

Claims 79-81 have been added to include use of  $\alpha$ -cedrene for protecting a material from cockroach infestation. Support for these new claims is found, for example, in Claims 55, 56, 58, and 61 as originally filed.

### ***The §102 Rejections***

***Cazaussus et al.*** Claims 47, 51, 52 and 54 were rejected under 35 U.S.C. §102(a) as being anticipated by Cazaussus *et al.* As stated by the Office, Cazaussus teaches the content of vetiver oil, including two components of zizanol and bicyclovetivenol. Applicants have rewritten claims 47, 51, 52 and 54 to be method claims, instead of composition claims. Applicants respectfully submit that this rejection based on the composition should be withdrawn in light of the current amendments.

***Harima et al.*** In addition, the Office rejected Claims 25, 29, 47, 48 and 75 were rejected under 35 U.S.C. §102(b) as anticipated by Harima *et al.* Harima was cited as teaching a cockroach repellent comprising nootkatone. Applicants have rewritten Claim 25 to remove the use of nootkatone to repel cockroaches, and have cancelled Claim 29. Claims 47 and 48, as amended, are directed to a method to protect the fur or skin of a mammal from ticks, and make no reference to use of nootkatone against cockroaches. The Harima reference neither teaches nor suggests the use of nootkatone in repelling ticks. Applicants respectfully submit that this rejection should be withdrawn.

### ***The §103(a) Rejections***

***Harima et al.*** Claims 49 and 50 were rejected under 35 U.S.C. §103(a) as being unpatentable under Harima *et al.* (as applied to Claims 25, 29, 47, 48, and 75). Claims 49 and 50 depend from Claim 47 which is drawn to a method to protect the skin or fur of mammals against ticks only, without a reference to cockroaches. Harima teaches only

repelling cockroaches with nootkatone. Harima neither teaches nor suggests the use of nootkatone to repel ticks. Applicants respectfully submit that this rejection should be withdrawn.

***Ishida et al.*** Claims 25-27, 30, 47, and 53 were rejected under 35 U.S.C. §103(a) as being unpatentable over *Ishida et al.* As stated by the Office, *Ishida* teaches an acaricide composition that includes cedrene. Claims 25 and 47 have been amended to remove the compound cedrene. Claims 27, 30 and 53 have been cancelled. In light of the amendment to Claim 25, Claims 25 and 26 should be in condition for allowance. Applicants respectfully submit that this rejection should be withdrawn.

***Sato et al.*** Claims 47 and 53 were rejected under 35 U.S.C. §103(a) as being unpatentable over *Sato et al.* The Office cited *Sato* as teaching a topical composition that included cedrene. After the current amendments, Claims 47 and 53 are no longer composition claims. *Sato* does neither teaches nor suggests the method of protecting fur or skin of mammals from ticks by topically applying cedrene. In light of these amendments, Applicants respectfully submit that this rejection should be withdrawn.

### ***Other Matters***

Claim 25 has been amended to include “or cockroaches” as suggested by the Office.

### Conclusion

If any issues arise that may present an obstacle to allowance, the undersigned would welcome a telephone call to discuss such matters before further action is taken. Otherwise, allowance of Claims 25, 26, 28, 31-33, 47-52, 54, and 75-81 at an early date is respectfully requested.

Respectfully submitted,

  
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